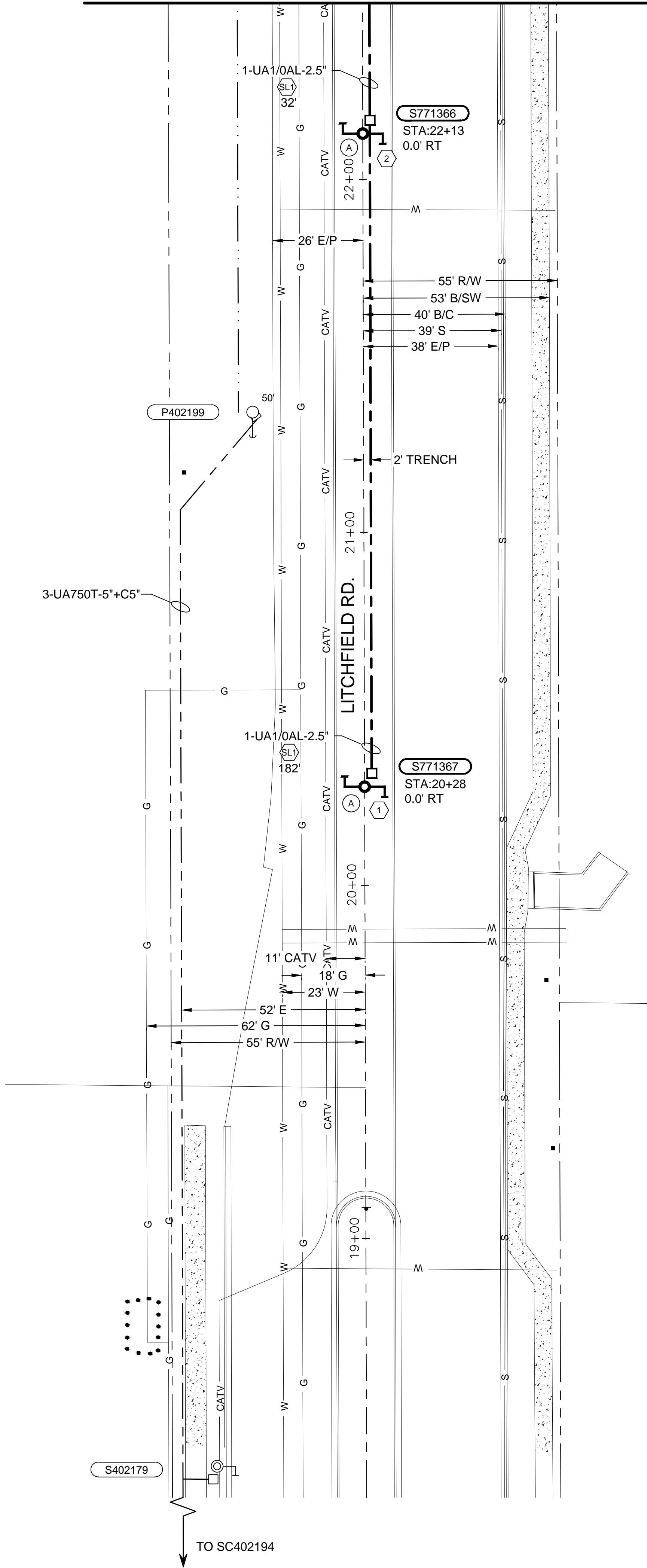


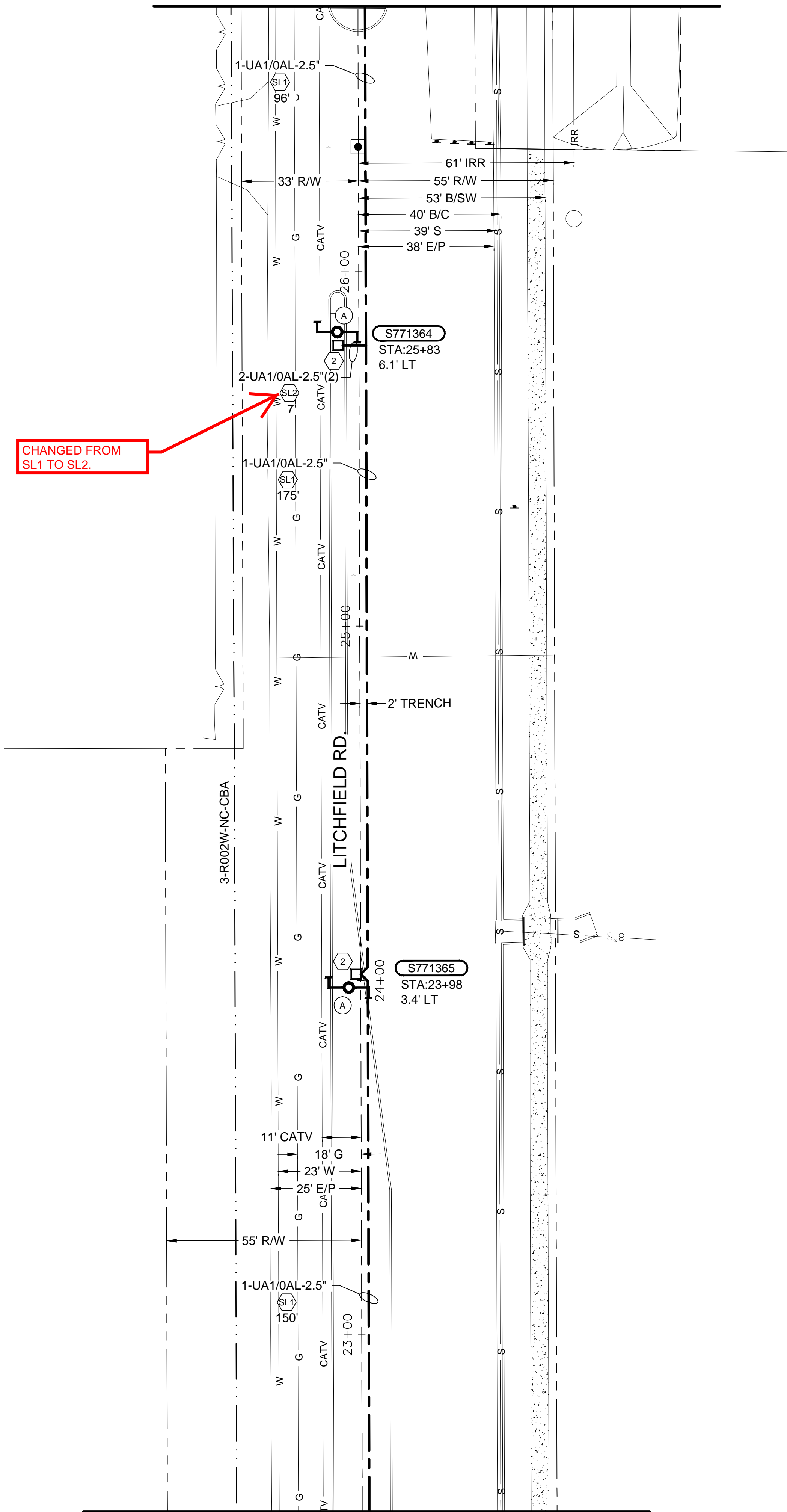
1. ALL UTILITY CONSTRUCTION SHALL CONFORM TO THE LATEST MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) UNIFORM STANDARD SPECIFICATIONS AND DETAILS FOR PUBLIC WORKS CONSTRUCTION AND TO THE CITY OF SURPRISE SUPPLEMENTS TO MAG.
2. ALL WORK PERFORMED IN THE CITY OF SURPRISE RIGHT-OF-WAY WILL REQUIRE AN APPROVED TRAFFIC CONTROL PERMIT ISSUED TO A BARRICADE COMPANY LICENSED TO WORK IN THE CITY OF SURPRISE
3. ALL PUBLIC UTILITY COMPANIES' CONTRACTORS AND SUB-CONTRACTORS ARE REQUIRED TO OBTAIN A CITY OF SURPRISE BUSINESS LICENSE PRIOR TO THE PERFORMANCE OF ANY WORK.
4. PLAN APPROVAL BY THE CITY OF SURPRISE
FOR COMPLIANCE WITH CITY REQUIREMENTS SHALL
NOT PREVENT THE CITY FROM REQUIRING THE CORRECTION OF ERRORS FOUND TO BE IN VIOLATION OF ANY LAW, ORDINANCE, OR CITY OF SURPRISE REQUIREMENT FOR UTILITY CONSTRUCTION IN THE RIGHT-OF-WAY.
5. THE CONTRACTOR OR UTILITY COMPANY MUST HAVE A COPY OF THE APPROVED/ STAMPED CONSTRUCTION PLANS AND APPROVED TRAFFIC CONTROL PLAN AT THE PROJECT SITE AT ALL TIMES.
6. ALL UTILITIES CROSSINGS STREETS OR ROADS MUST BE DIRECTIONAL BORED WHERE POSSIBLE. PERMISSION TO BORE AND TO OPEN CUT EXISTING PAVEMENT REQUIRES SPECIAL PLAN APPROVAL AND RIGHT-OF-WAY PERMIT FOR THE PROPOSED CONSTRUCTION.
7. PRIOR TO STARTING ANY WORK IN A MAJOR ARTERIAL OR COLLECTOR STREET, THE UTILITY COMPANY OR SUB-CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE CITY OF SURPRISE CIVIL CONSTRUCTION INSPECTION PERSONNEL. SEE PERMIT FOR CONTACT INFORMATION.
8. THE CITY OF SURPRISE DOES NOT WARRANT ANY OF THE QUANTITIES SHOWN ON THESE PLANS.
9. THE UTILITY COMPANY SHALL CONTACT THE CITY OF SURPRISE CIVIL CONSTRUCTION INSPECTION PERSONNEL A MINIMUM OF FOURTY-EIGHT (48) HOURS IN ADVANCE OF ANY WORK. THE PERMIT NUMBER AND LOCATION MUST BE PROVIDED IN ORDER TO SCHEDULE INSPECTIONS.
10. ALL WORK REQUIRING ASPHALT REPLACEMENT, CONCRETE REPLACEMENT, OR RESURFACING, IN THE CITY OF SURPRISE RIGHT-OF-WAY, WILL REQUIRE A FINAL INSPECTION WITH THE UTILITY COMPANY REPRESENTATIVE AT THE TIME OF COMPLETION.
11. MAINTAIN THE FOLLOWING MINIMUM SEPARATIONS: SIX FEET (6') HORIZONTAL FROM WATER AND SEWER MAINS, AND TWO (2) FEET HORIZONTAL FROM ALL OTHER UTILITIES, MAINTAIN A MINIMUM OF ONE FOOT (1') VERTICAL SEPARATION FROM ALL UTILITIES. ALL DISTANCES ARE MEASURED FROM OUTSIDE OF PIPE TO OUTSIDE OF PIPE.

WO#: WA218496	DATE: 01/06/16
BY: BJR	SCALE: 1:20
FILENAME: WA218496.DWG	SHEET 1 OF 8

MATCHLINE "A" SEE BELOW RIGHT



MATCHLINE "B" SEE SHEET 3 OF 8



CACTUS RD. & LITCHFIELD RD.
WA218496

FINAL
APS DESIGN
01/06/16

CONSTRUCTION SPECS:
(SPECS APPLY TO THIS SHEET ONLY)

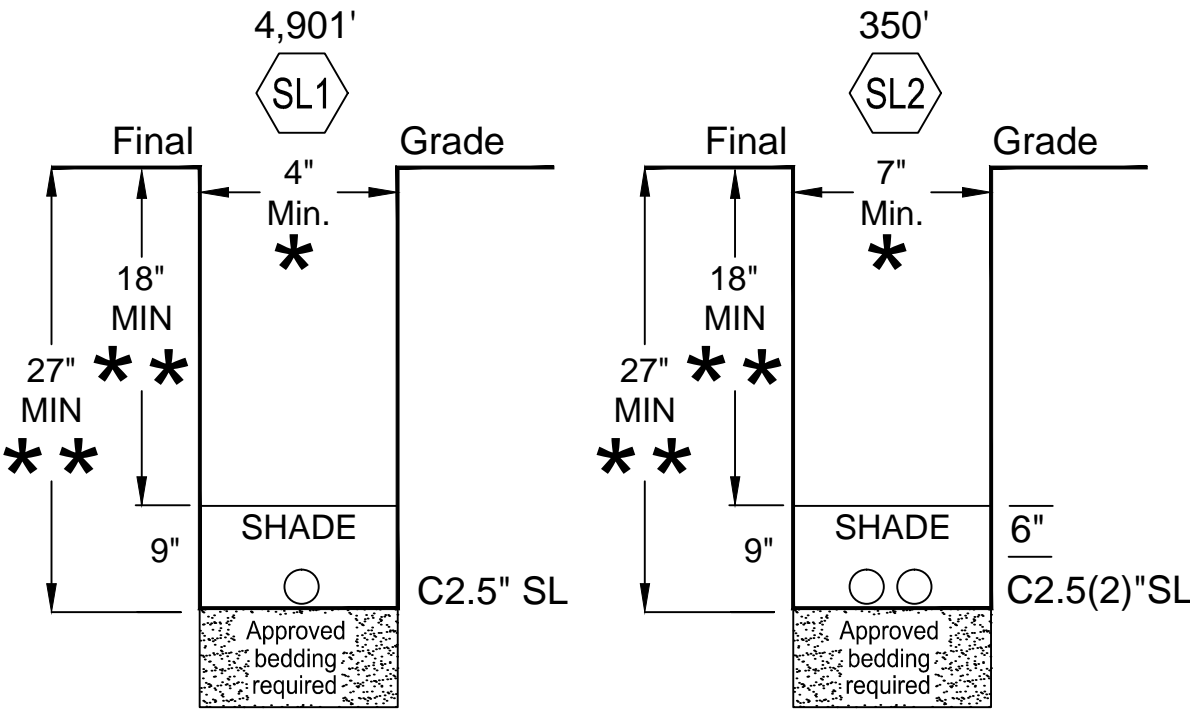
- 1 APS RESPONSIBLE FOR INSTALLATION OF POLE AND STREET LIGHT.
1944.38
8040.D8CL634 (240V)
2729.A3L (240V)
2727.3L(2) (240V)
8140.4(2)
8130.4(2)
APS TO PROVIDE, CITY OF SURPRISE CONTRACTOR TO INSTALL:
8655.NLG
8881.EQL
- 3 LOC. 2 APS RESPONSIBLE FOR INSTALLATION OF POLE AND STREET LIGHT.
1944.38
8040.D8CL634 (240V)
2729.A3L (240V)
2727.3L(3) (240V)
8140.4(2)
8130.4(2)
APS TO PROVIDE, CITY OF SURPRISE CONTRACTOR TO INSTALL:
8655.NLG
8881.EQL(2)


NOTES:

- * SEE SHEET 1, GENERAL TRENCHING NOTES, NOTE #2.
- ** SEE SHEET 1, GENERAL TRENCHING NOTES, NOTE #7.

TRENCHING DETAILS

TOTAL FROM ALL SHEETS



T	3N	R	1W	Sec	22	NW	1/4	MAP#	30-W6
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
CONTACT: RONNIE GANDARA									
PHONE: 602-371-7546 PGR/MOBILE: 602-320-7069									
INSPECTOR: JJ SIMMONS									
PHONE: 602-371-7238 PGR/MOBILE: 602-618-1132									
NO.	DATE		DESCRIPTION					BY	
				CACTUS AND LITCHFIELD RD. STREET LIGHTS					
WO#:		WA218496				DATE:		01/06/16	
BY:		BJR				SCALE:		1:20	
FILENAME: WA218496.DWG				SHEET		2 OF 8			

CACTUS RD. & LITCHFIELD RD.
WA218496

CONSTRUCTION SPECS:
(SPECS APPLY TO THIS SHEET ONLY)

- 4 LOC. (2) APS RESPONSIBLE FOR INSTALLATION OF POLE AND STREET LIGHT.
1944.38
8040.D8CL634 (240V)
2729.A3L (240V)
2727.3L(3) (240V)
8140.4(2)
8130.4(2)
APS TO PROVIDE, CITY OF SURPRISE CONTRACTOR TO INSTALL:
8655.NLG
8881.EQL(2)

FINAL
APS DESIGN
01/06/16



T	3N	R	1W	Sec	22	NW	1/4	MAP#	30-W6
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
CONTACT: RONNIE GANDARA									
PHONE: 602-371-7546 PGR/MOBILE: 602-320-7069									
INSPECTOR: JJ SIMMONS									
PHONE: 602-371-7238 PGR/MOBILE: 602-618-1132									

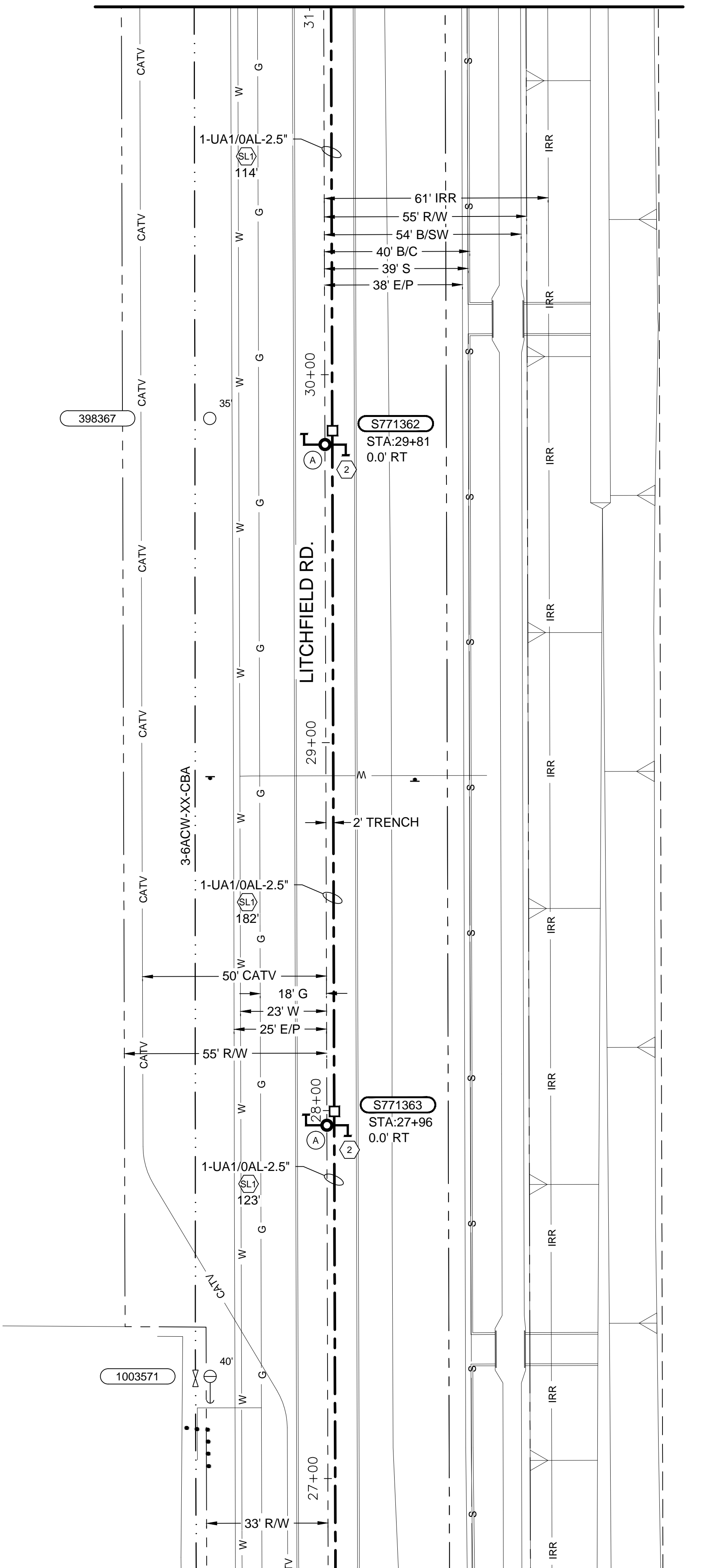
NO.	DATE	DESCRIPTION	BY



CACTUS AND LITCHFIELD RD.
STREET LIGHTS

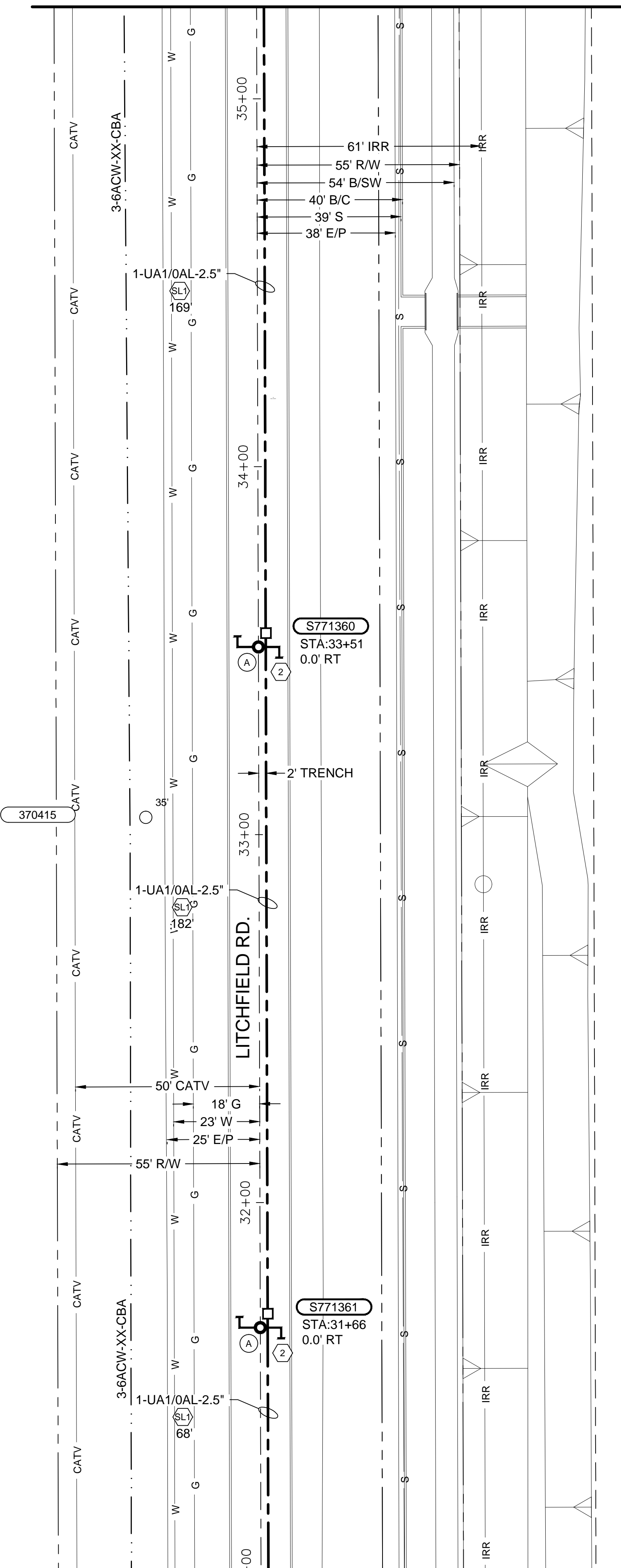
WO#:	WA218496	DATE:	01/06/16
BY:	BJR	SCALE:	1:20
FILENAME:	WA218496.DWG	SHEET	3 OF 8

MATCHLINE "C" SEE BELOW RIGHT

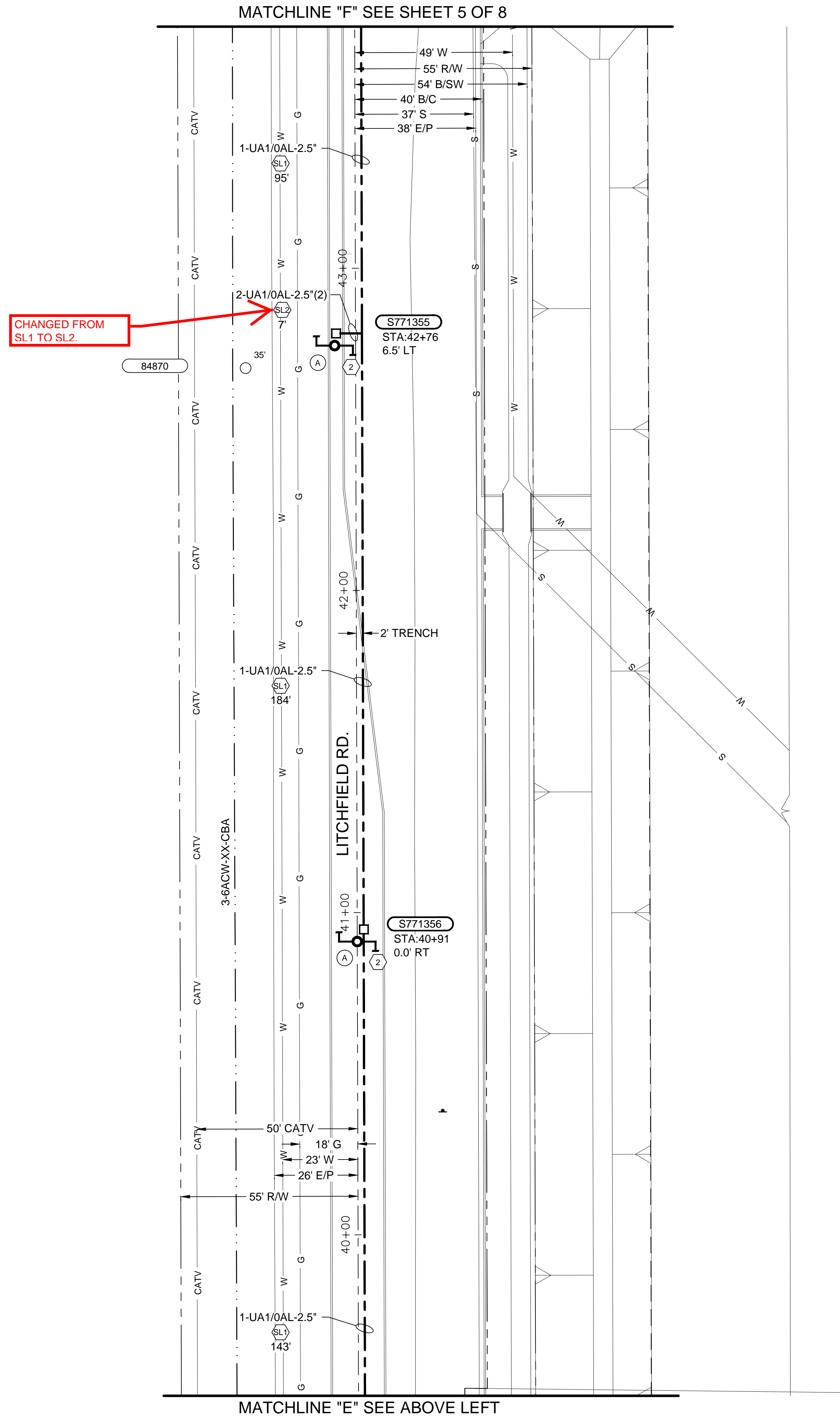
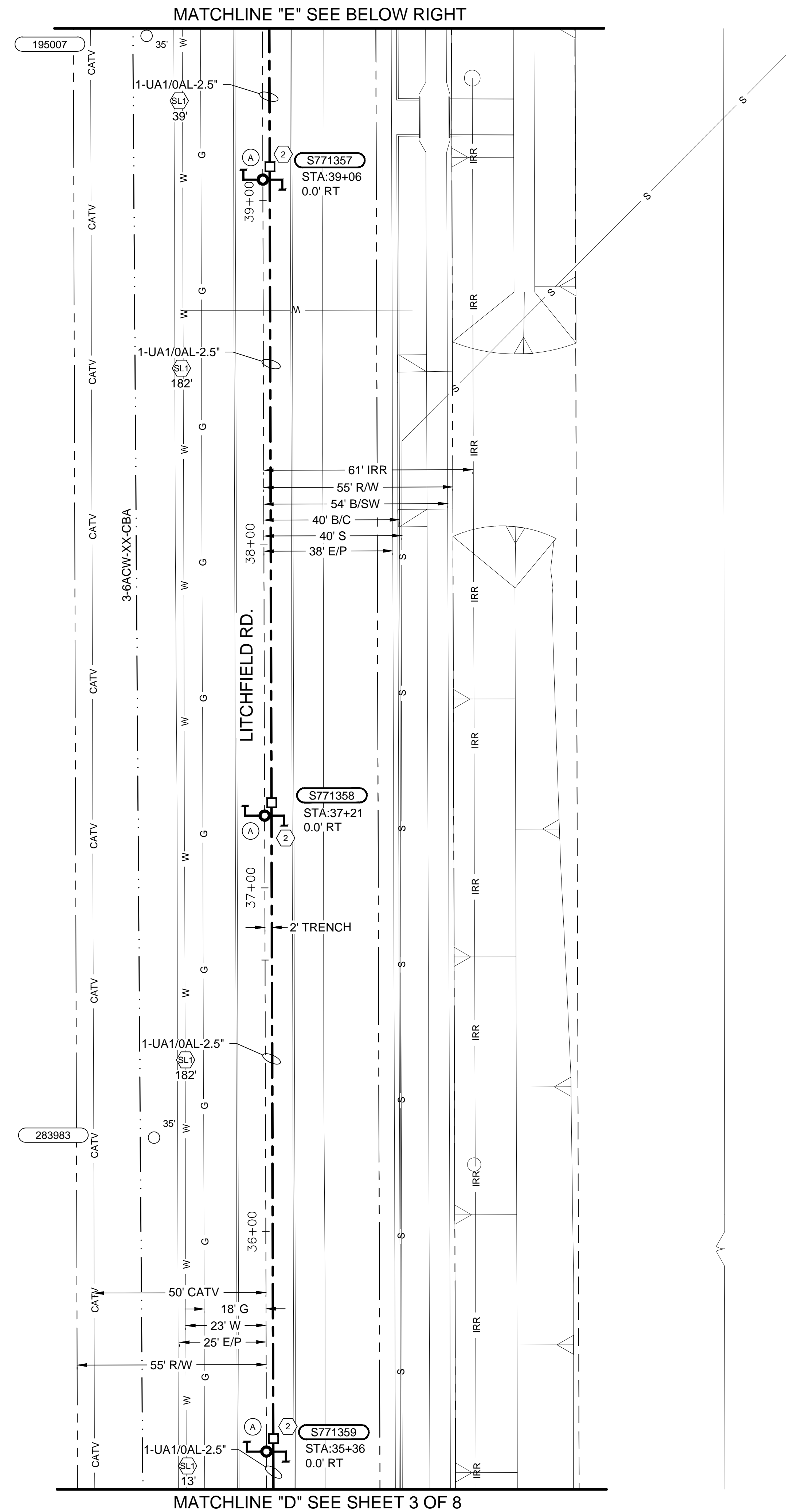


MATCHLINE "B" SEE SHEET 2 OF 8

MATCHLINE "D" SEE SHEET 4 OF 8



MATCHLINE "C" SEE ABOVE LEFT



CHANGED FROM
SL1 TO SL2.


CACTUS RD. & LITCHFIELD RD.
WA218496

CONSTRUCTION SPECS:
(SPECS APPLY TO THIS SHEET ONLY)

- 5 LOC. (2) APS RESPONSIBLE FOR INSTALLATION OF POLE AND STREET LIGHT.
1944.38
8040.D8CL634 (240V)
2729.A3L (240V)
2727.3L(3) (240V)
8140.4(2)
8130.4(2)
APS TO PROVIDE, CITY OF SURPRISE CONTRACTOR TO INSTALL:
8655.NLG
8881.EQL(2)

FINAL
APS DESIGN
01/06/16



T	3N	R	1W	Sec	22	NW	1/4	MAP#	30-W6
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
CONTACT: RONNIE GANDARA									
PHONE: 602-371-7546 PGR/MOBILE: 602-320-7069									
INSPECTOR: JJ SIMMONS									
PHONE: 602-371-7238 PGR/MOBILE: 602-618-1132									
NO.	DATE			DESCRIPTION					BY
		CACTUS AND LITCHFIELD RD. STREET LIGHTS							
WO#:		WA218496				DATE:		01/06/16	
BY:		BJR				SCALE:		1:20	
FILENAME: WA218496.DWG						SHEET		4 OF 8	

(SPECS APPLY TO THIS SHEET ONLY)

- 



CHANGED FROM
SL1 TO SL2.



ARIZONA BLUE STAKE
CALL TWO WORKING DAYS
BEFORE YOU DIG
Dial 811 or
602-263-1100
1-800-STAKE-IT
(OUTSIDE MARICOPA COUNTY)



CACTUS AND LITCHFIELD RD. STREET LIGHTS

WO#:	WA218496	DATE:	01/06/16
BY:	BJR	SCALE:	1:20
FILENAME:	WA218496.DWG	SHEET	5 OF 8




APS DESIGN
01/06/16

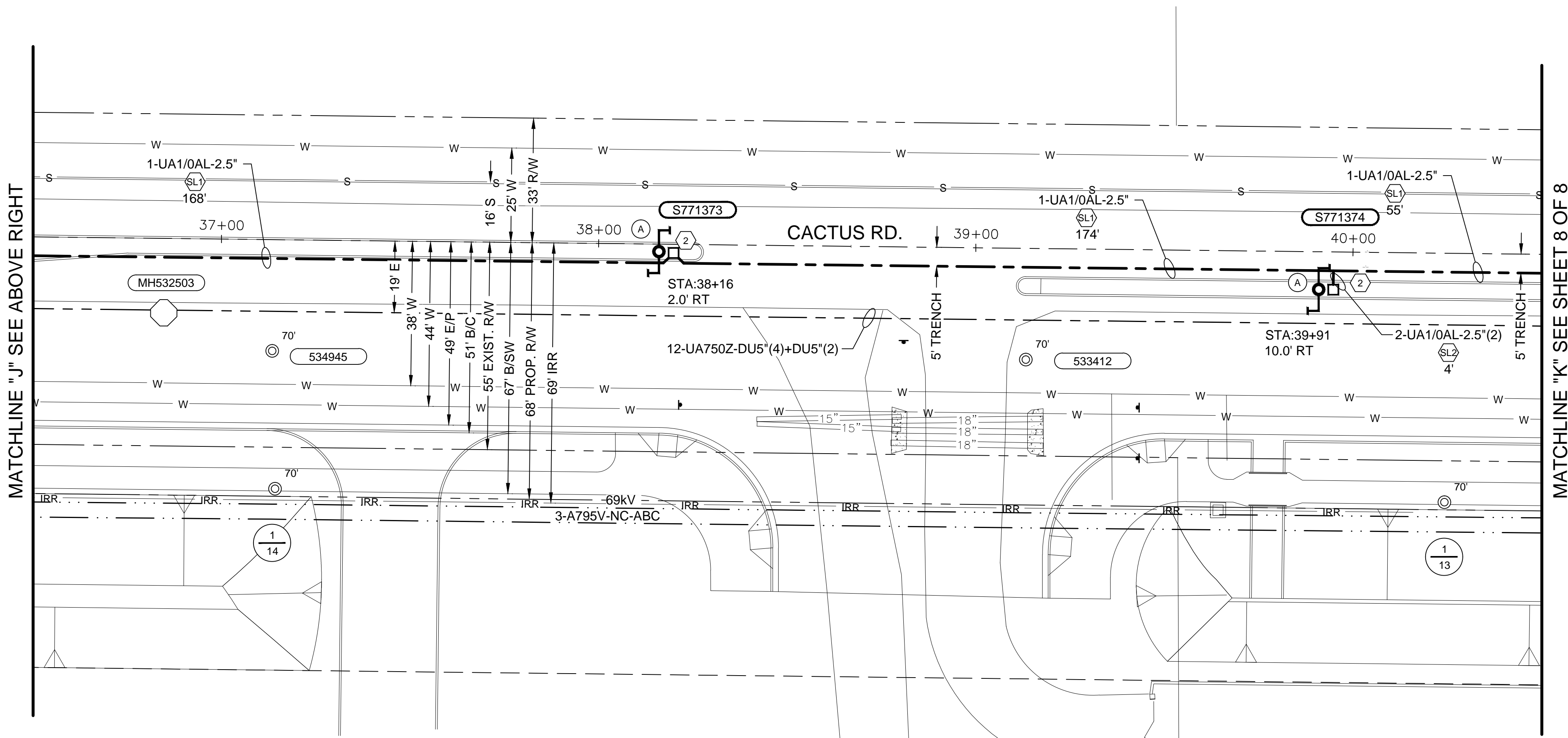
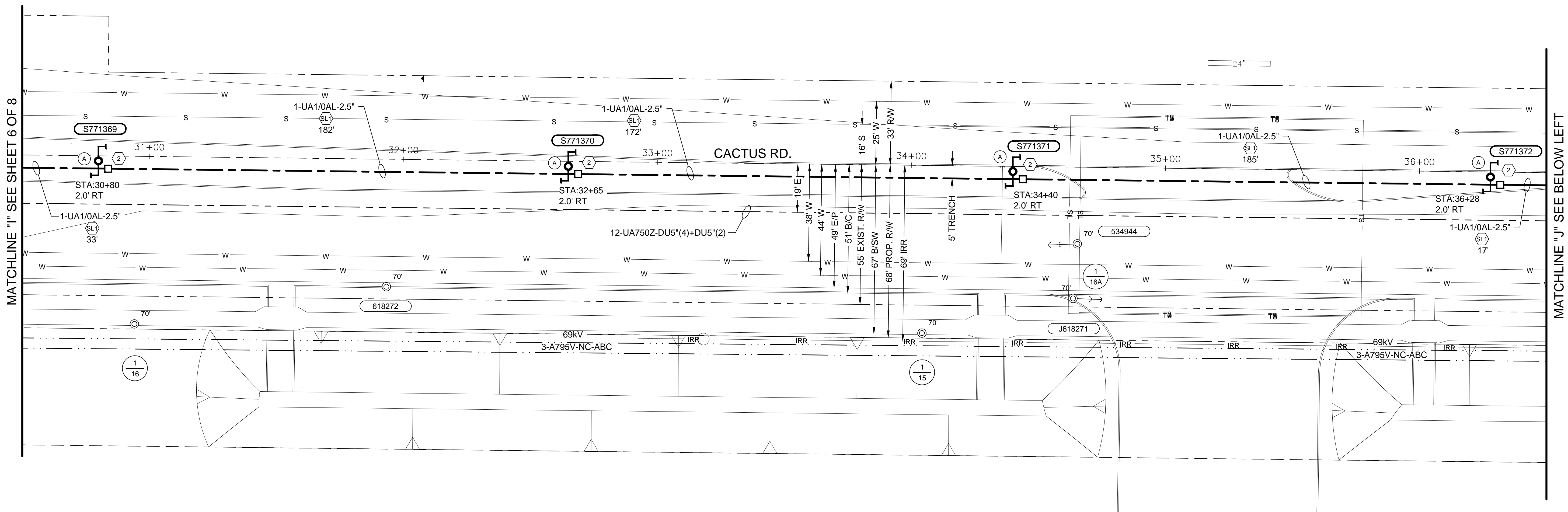


(SPECS APPLY TO THIS SHEET ONLY)

- 1 APS RESPONSIBLE FOR INSTALLATION OF POLE AND STREET LIGHT.
1944.38
8040.D8CL634 (240V)
2729.A3L (240V)
2727.3L(2) (240V)
8140.4(2)
8130.4(2)
APS TO PROVIDE, CITY OF SURPRISE CONTRACTOR TO INSTALL:
8655.NLG
8881.EQL

T	3N	R	1W	Sec	22	NW	1/4	MAP# 30-W6
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T		R		Sec			1/4	MAP#
T		R		Sec			1/4	MAP#
T		R		Sec			1/4	MAP#
CONTACT: RONNIE GANDARA								
PHONE:			602-371-7546		PGR/MOBILE: 602-320-7069			
INSPECTOR:			JJ SIMMONS					
PHONE:			602-371-7238		PGR/MOBILE: 602-618-1132			
NO.	DATE		DESCRIPTION					BY

		CACTUS AND LITCHFIELD RD. STREET LIGHTS	
WO#:	WA218496	DATE:	01/06/16
BY:	BJR	SCALE:	1:20
FILENAME:	WA218496.DWG	SHEET	6 OF 8



CONSTRUCTION SPECS:
(SPECS APPLY TO THIS SHEET ONLY)

- 6 LOC. (2) APS RESPONSIBLE FOR INSTALLATION OF POLE AND STREET LIGHT.
1944.38
8040.D8CL634 (240V)
2729.A3L (240V)
2727.3L(3) (240V)
8140.4(2)
8130.4(2)
APS TO PROVIDE, CITY OF SURPRISE CONTRACTOR TO INSTALL:
8655.NLG
8881.EQL(2)

FINAL
APS DESIGN
01/06/16



T	3N	R	1W	Sec	22	NW	1/4	MAP#	30-W6
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T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
CONTACT: RONNIE GANDARA									
PHONE: 602-371-7546 PGR/MOBILE: 602-320-7069									
INSPECTOR: JJ SIMMONS									
PHONE: 602-371-7238 PGR/MOBILE: 602-618-1132									
NO.	DATE		DESCRIPTION					BY	

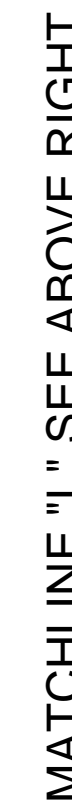


CACTUS AND LITCHFIELD RD.
STREET LIGHTS

WO#:	WA218496	DATE:	01/06/16
BY:	BJR	SCALE:	1:20
FILENAME:	WA218496.DWG	SHEET	7 OF 8


(SPECS APPLY TO THIS SHEET ONLY)

- 5 X771483
7113.SD02 25kVA XFRMR 7,200V (120/240V)
5050.S1UA1/0A (240V)
5050.S1UA1/0AL (240V)



FINAL
APS DESIGN
01/06/16



T	3N	R	1W	Sec	22	NW	1/4	MAP#	30-W6
T		R		Sec			1/4	MAP#	
T		R		Sec			1/4	MAP#	
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T		R		Sec			1/4	MAP#	
CONTACT: RONNIE GANDARA									
PHONE:		602-371-7546				PGR/MOBILE: 602-320-7069			
INSPECTOR: JJ SIMMONS									
PHONE:		602-371-7238				PGR/MOBILE: 602-618-1132			
NO.	DATE			DESCRIPTION					BY
				CACTUS AND LITCHFIELD RD. STREET LIGHTS					
WOR:		WA218496				DATE: 01/06/16			
BY:		BJR				SCALE: 1:20			
FILENAME: WA218496.DWG						SHEET 8 OF 8			